KOPIO
WBS Dictionary

WBS   **1.2.9**

Number	Descriptio
1.2.9	**Offline Computing**

U.S. ATLAS Maintenance and Operations (M&O) includes detector specific costs allocated to subsystems and Common Fund cost related to overall experimental operations.

1.2.9.1	**Offline Computing Hardware**
1.2.9.1.1	**Processors (200* 2CPU)**
1.2.9.1.2	**Workstations (15* $1k)**
1.2.9.1.3	**Disks and Peripherals**
1.2.9.1.4	**Switches**
1.2.9.1.5	**Racks, Infrastructure**
1.2.9.1.6	**System Support (yearly x 5 yr)**
1.2.9.1.7	**Integration**
1.2.9.2	**Offline Computing Software**
1.2.9.2.1	**Software System Definition**
1.2.9.2.2	**Software Management Tools**
1.2.9.3	**Analysis**
1.2.9.3.1	**Calibrations**
1.2.9.3.2	**Physics**
1.2.9.4	**Software integration**

Number	Descriptio
1.2.9.4.3	Data Management System
1.2.9.4.4	Event Generators
1.2.9.4.5	Analysis Shell
1.2.9.4.6	Integration
1.2.9.5	Tools
1.2.9.5.1	Analysis framework
1.2.9.5.2	Data format
1.2.9.5.3	Data management system
1.2.9.5.4	Calibration databases
1.2.9.5.5	Detector description language
1.2.9.5.6	Grid based production system